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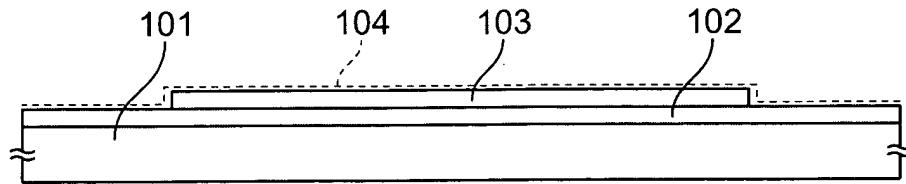


FIG. 1A

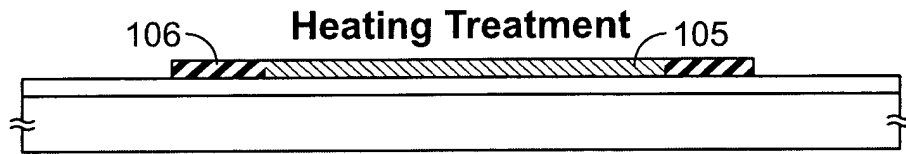


FIG. 1B

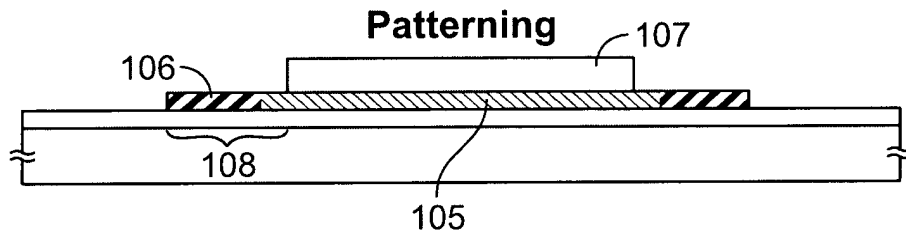


FIG. 1C

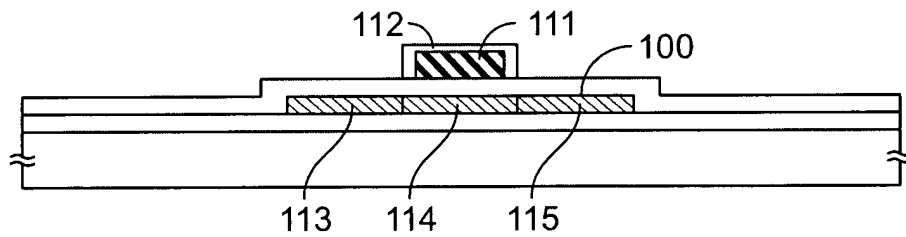


FIG. 1D

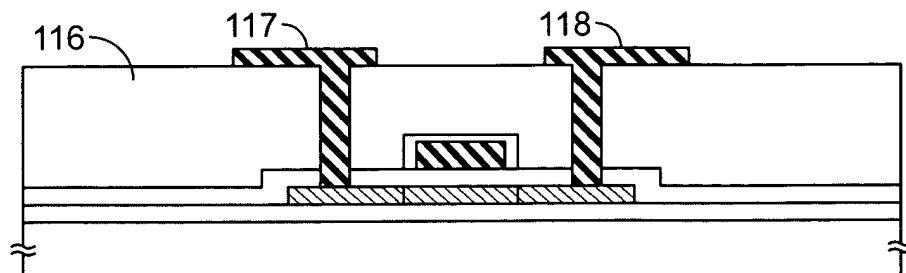


FIG. 1E



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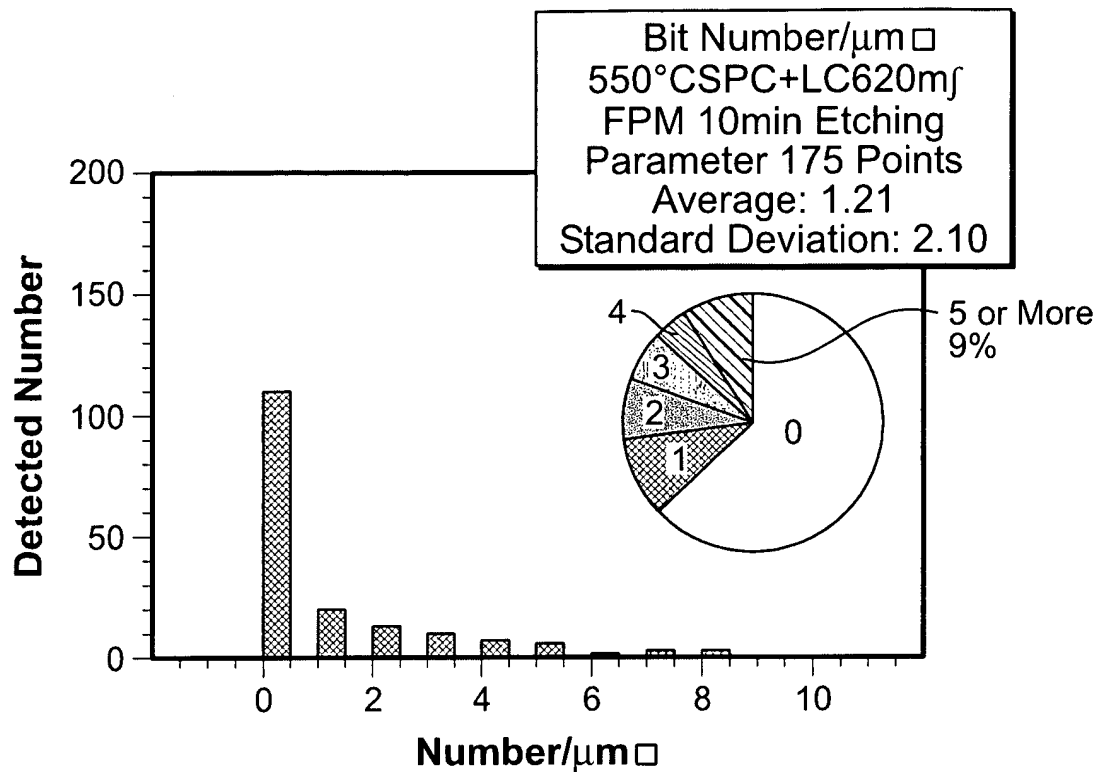


FIG. 2A

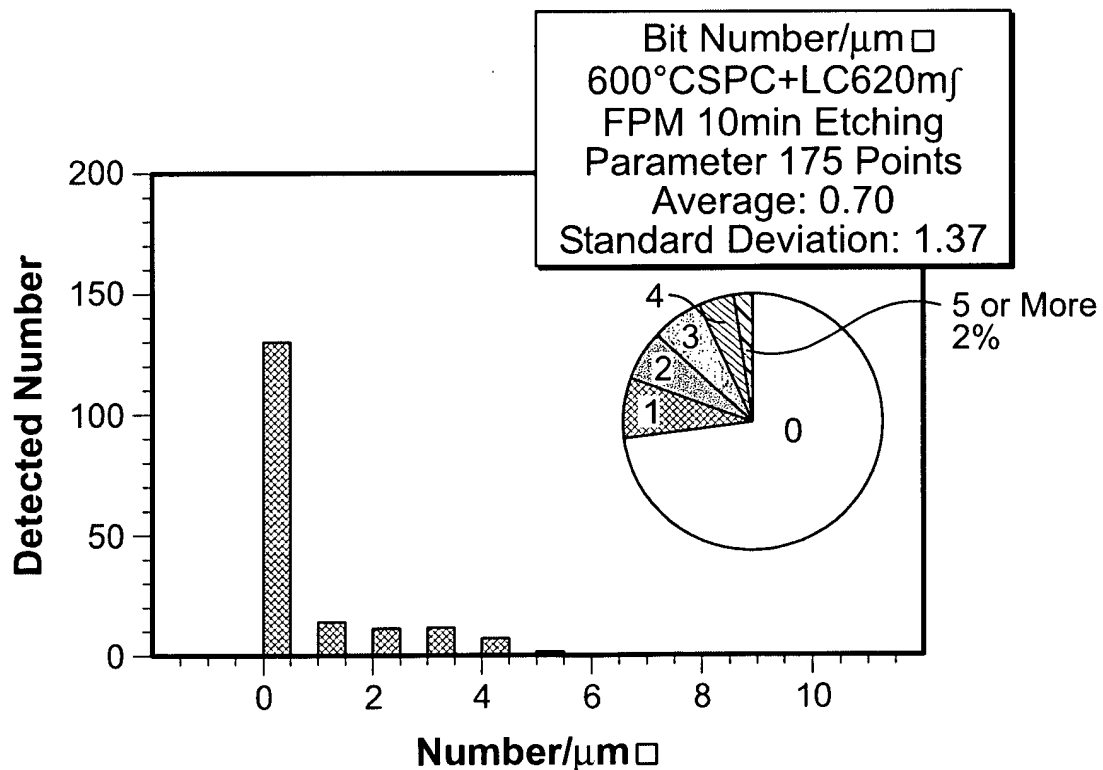
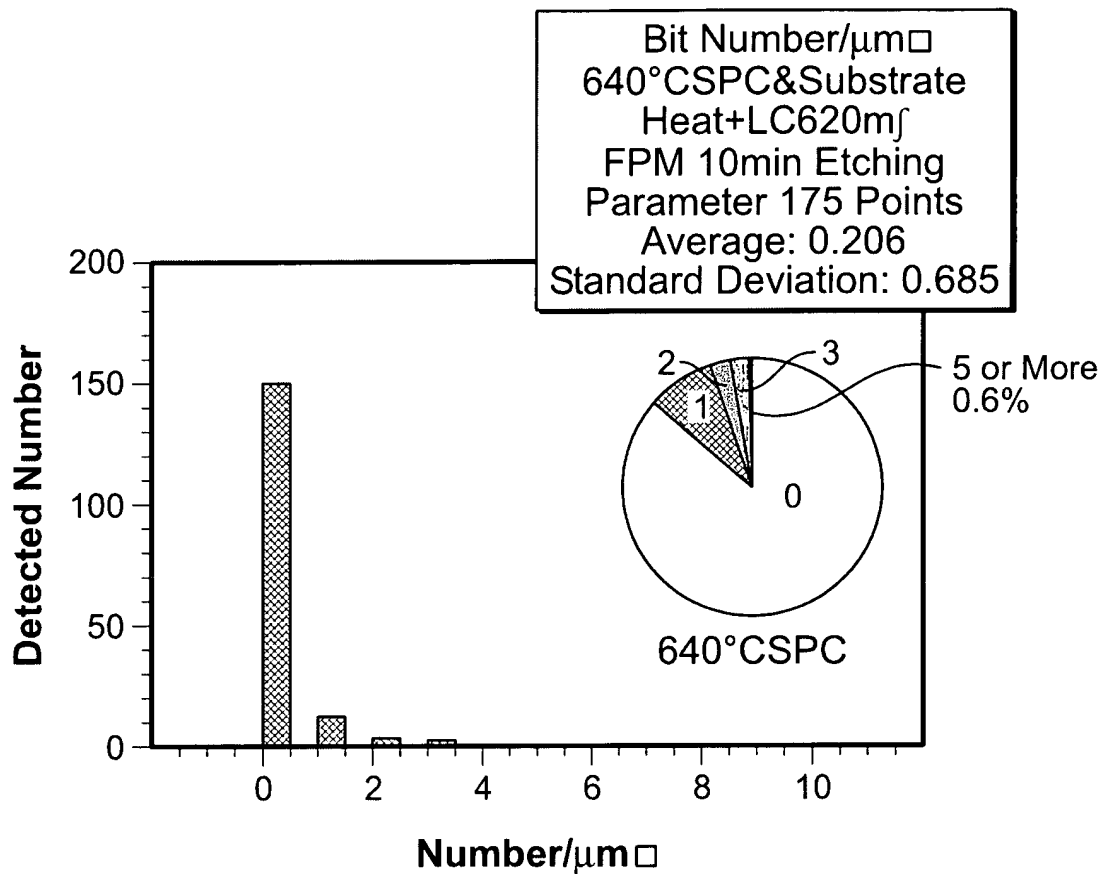


FIG. 2B



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550°CSPC

600°CSPC

640°CSPC

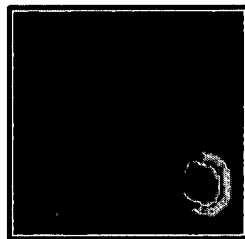
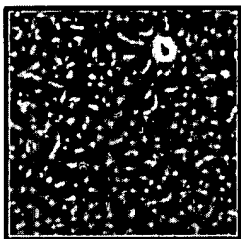
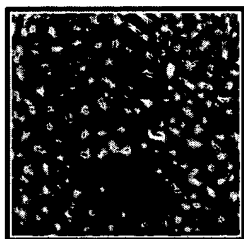
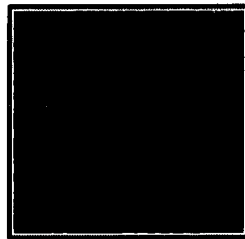
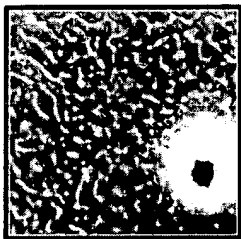
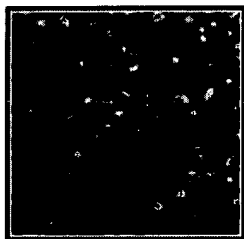
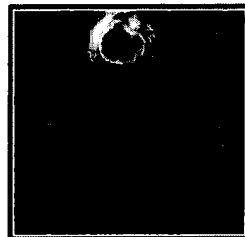
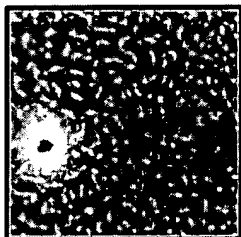
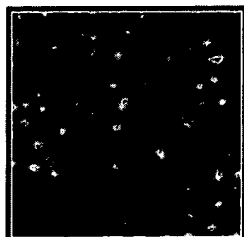


FIG. 3



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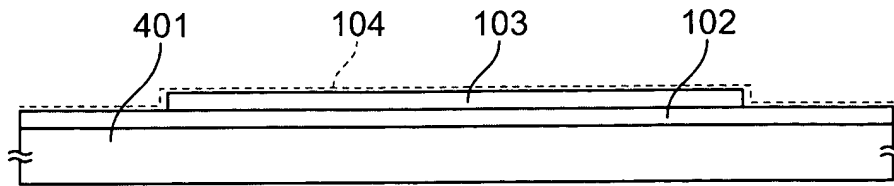


FIG. 4A

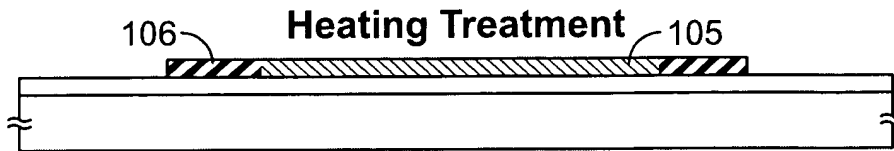


FIG. 4B

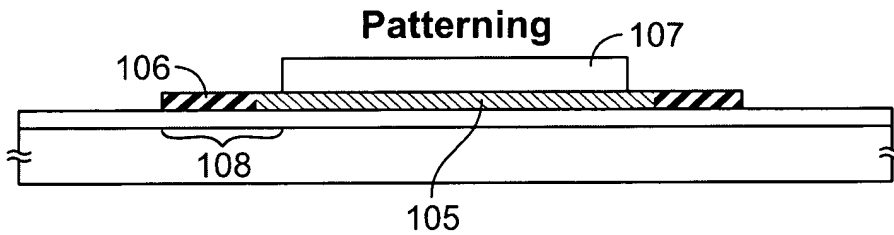


FIG. 4C

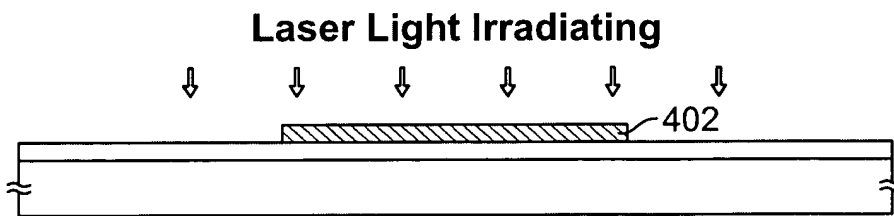


FIG. 4D

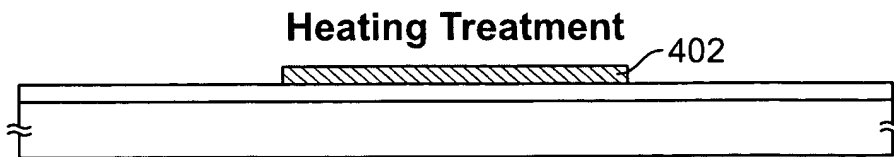


FIG. 4E



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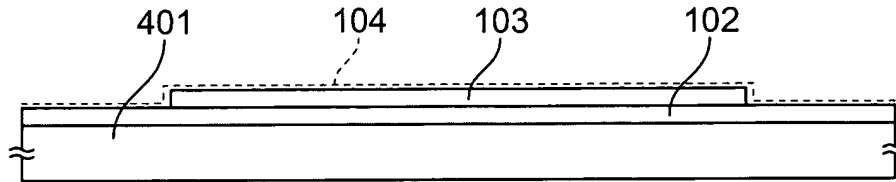


FIG. 5A

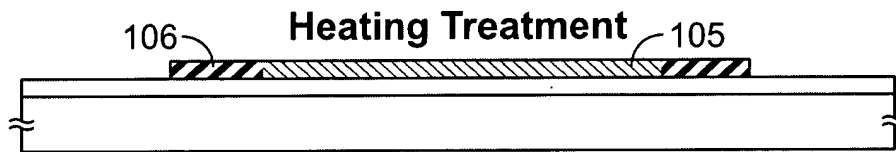


FIG. 5B

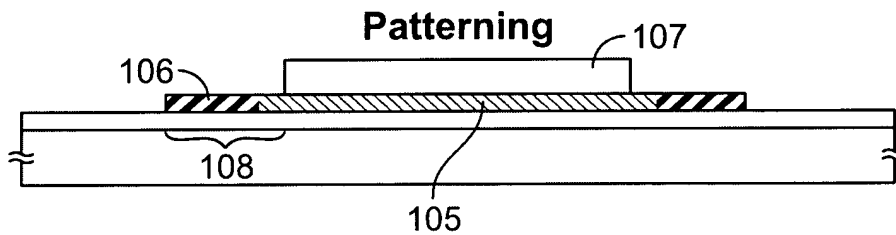


FIG. 5C

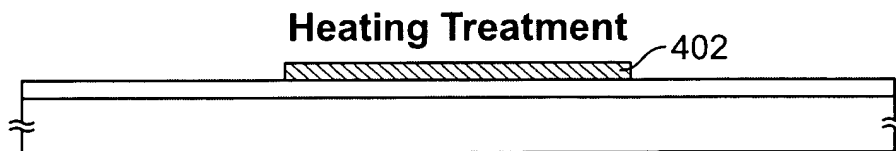


FIG. 5D



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$$d = D/30 \sim D$$

$$D = D_0 t \exp(-\Delta E/kT)$$

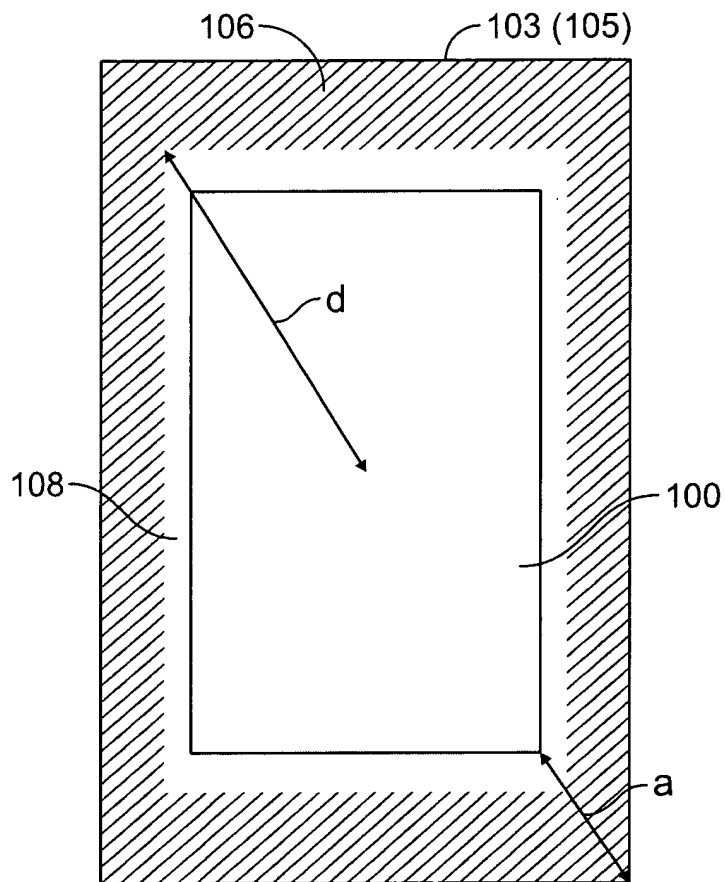


FIG. 6



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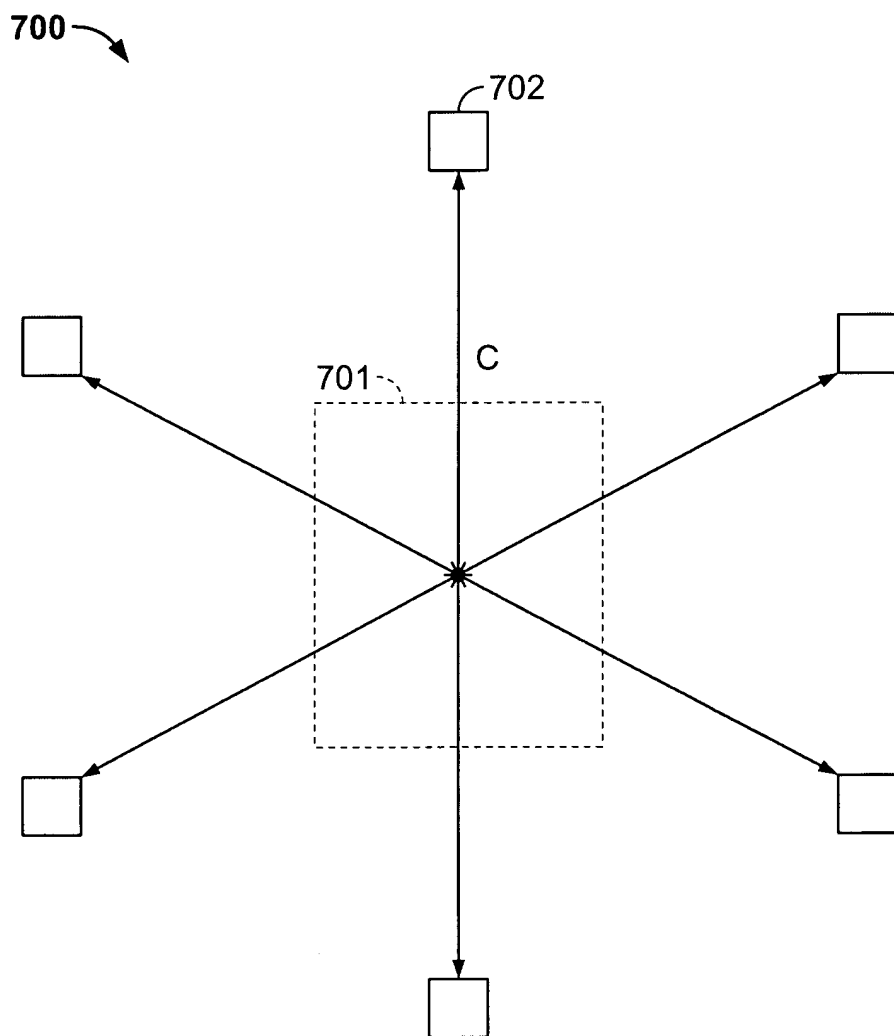
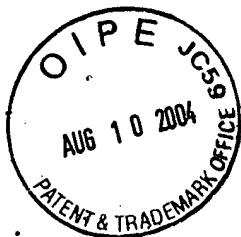


FIG. 7



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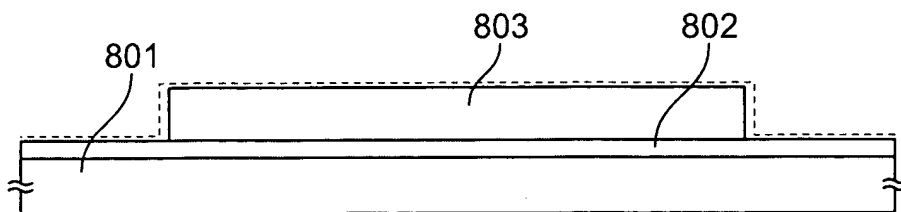


FIG. 8A



FIG. 8B

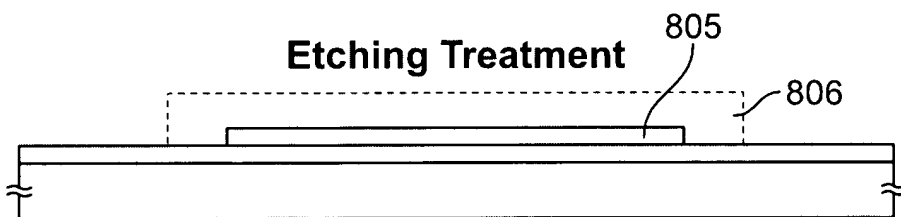


FIG. 8C

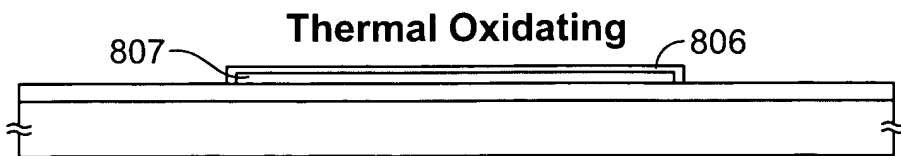


FIG. 8D



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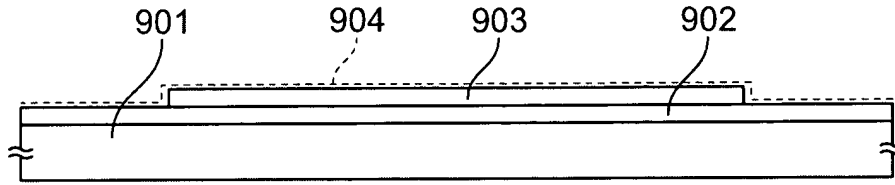


FIG. 9A

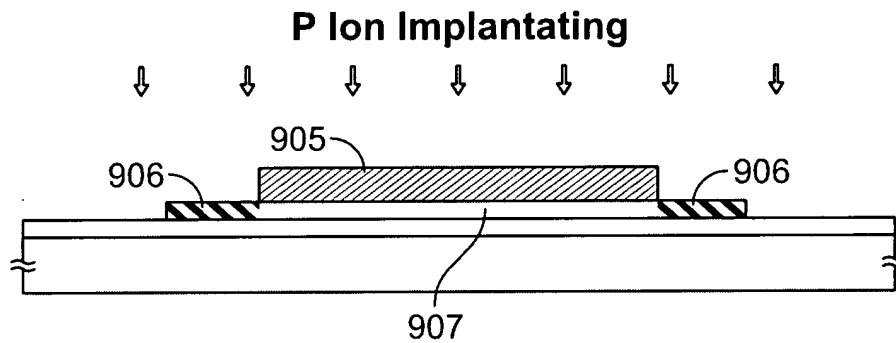


FIG. 9B

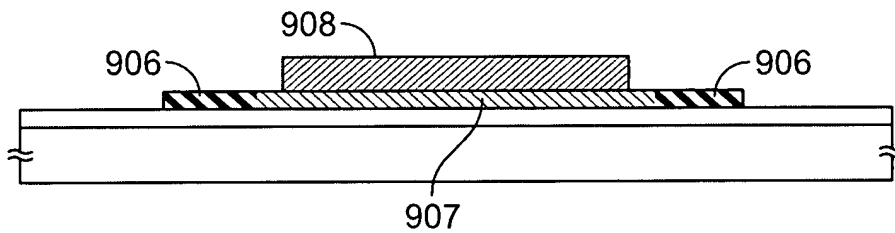


FIG. 9C

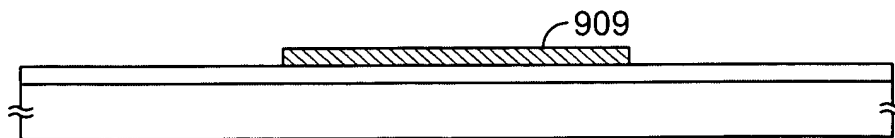


FIG. 9D